

22 3B

Switch Inspection Report Semi-Annual

WO# 1505707

Page 1 of 3

6/26/2014

Inspection Crew

T SCHISLER B PANUSKA

man D BIRD

Location ANDOVER

2 Switch I.D. # 22 3B

3 Facing X Trailing

Rail Points4 Point to Point $51\frac{1}{4}$

5 Point Condition

(S) Y R

6 Point Throw. Nothing less than 4 inches or greater than 5 inches.
Min 3 1/2 inches on house top point protectedN $5\frac{1}{6}$ $5\frac{1}{6}$

6a Point Opening

N $5\frac{3}{8}$ $5\frac{3}{8}$

7 Fit

(S) Y R

8 General Condition of the Points

(S) Y R

Gage

Heel of Switch

9 Main $56\frac{1}{4}$ 10 Turnout $56\frac{3}{8}$ 11 Gage ahead of Bend $56\frac{1}{2}$ Must not be less than 56 inches or
more than 57 inches for "S"

12 Heel Spread in Inches

Turnout $6\frac{3}{8}$ 13 Main $6\frac{1}{4}$ Stock Rail

14 Bend

(S) Y R

15 Condition

(S) Y R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers (OK) Broken Missing

Remarks on page 3

GNEJC 11-10-2011

22 Standard Joints

(S) Y R N/A

23 Switch Plates

(S) Y R

24 Adjustable Braces

(S) Y R N/A

24a Non-Adjustable Braces

S Y R (N/A)

Switch Rods

25 Front Rod

(S) Y R N/A

26 #1 Rod (Basket Rod)

(S) Y R

27 #2 Rod

(S) Y R

28 #3 Rod

(S) Y R N/A

29 #4 Rod

(S) Y R N/A

30 Closure Rail

(S) Y R

31 Surface of Switch

(S) Y R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out
of Service

32 Head Block Ties

(S) Y R

33 Switch Adjustments

Yes (No)

34 Lubrication

(OK) Dry

35 Switch Targets/Lamps

OK Missing (N/A)

36 Latches

(OK) Broken Missing

37 Locks

(OK) Broken Missing

38 General Condition

(S) Y R

39 Insulated Joints

(S) Y R

39a Regular Joints

(S) Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N (S) Y R
R (S) Y R53 Frog # 1054/79 Point Condition
(S) Y R55 Condition of Frog
(S) Y R56 Surface of Frog
(S) Y R57 Throat in Inches 3 3/872 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/459 Turnout Track 56 9/16**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 3/4 R 54 3/4**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 3/4 R 52 3/4**Back to Back Gage must be less than 53 1/8"**

62 Condition

(S) Y R

63 Location of Guard Rail (Relation to Point)

(S) Y RGuard Rail Clamps

64 Main Track

(S) Y R N/A

65 Turnout Track

(S) Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to**
Class 2 and gets a YRemarks on page 3

GM/JC 11-10-2011

Turnout Tie

66 Condition

(S) Y R N/A

67 Rail Movement

(S) Y R N/ATie Plates

68 Lead

(S) Y R N/A

69 Guard Rail Flangeway

(S) Y R N 1 7/8 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

(S) Y R N/A

71 Frog Plates

(S) Y R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers (Ok) Broken 0 Missing 0 N/A

80 Hold Down Devices

(S) Y R N/A

81 Spring Housing

S Y R N/A

82 Derails

S Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**(Ok) Difference _____

84 Condition of Line thru entire turnout

(S) Y R

Remarks

Page 3 of 3

PITTED FROG PT

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

6-30-14

11-10-2011

484 38

Mainline Switch Inspection Report Semi-Annual WO# 1503237 Page 1 of 3

Date 6/26/14 Inspection Crew T SCHISLER B PANUSKA

Watchman D BIRD

1 Location CROMWELL

2 Switch I.D. # 484 38

3 Facing X Trailing

Rail Points

4 Point to Point 50 1/8

5 Point Condition

S Y R

6 Point Throw. Min 3 1/2 inches on house top point protected

N 5 1/8 5 1/8

6a Point Opening

N 5 1/2 5 1/2

7 Fit

S Y R

8 General Condition of the Points

S Y R

Gage

Heel of Switch

9 Main 56 3/8

10 Turnout 56 5/8

11 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/4

13 Main 6 1/8

Stock Rail

14 Bend

S Y R

15 Condition

S Y R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers 0 Broken Missing

Remarks on page 3

GNFJC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/A

Switch Rods

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

Ok Broken Missing

37 Locks

Ok Broken Missing

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y R
R ☒ Y R53 Frog # 2

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 3 1/272 Flangeway Depth 1 15/16**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 1/2**Gage must not be less than 56" any class**Guard Rail60 Guard Rail Gage N 54 1/2 R 54 5/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 5/8 R 52 5/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 7/8 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R N/A

82 Derails

☒ Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y R

Remarks

Page 3 of 3

SLIGHT GAP RH STRAIGHT

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

6-30-14

11-10-2011

373-1

MASTER

Mainline Switch Inspection Report Semi-Annual

WO# 1495221

Page 1 of 3

Date 6/26/14Inspection Crew Schisler PANUSKAWatchman BYRO

1 Location

2 Switch I.D. # 373-13 Facing X TrailingRail Points4 Point to Point 51 3/8

5 Point Condition

(S) Y R6 Point Throw. Nothing less than 4 inches or greater than 5 inches.
Min 3 1/2 inches on house top point protectedN 4 1/2 4 1/2

6a Point Opening

N 4 1/8 4 1/8

7 Fit

(S) Y R

8 General Condition of the Points

(S) Y RGage

Heel of Switch

9 Main 56 1/210 Turnout 56 3/811 Gage ahead of Bend 56 1/2Must not be less than 56 inches or
more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4Stock Rail

14 Bend

(S) Y R

15 Condition

(S) Y RBolts16 Loose 0 N/A17 Missing 0 N/ARivets (Huck Bolts)18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers Ok Broken MissingRemarks on page 3

GM/JC 11-10-2011

22 Standard Joints

(S) Y R N/A

23 Switch Plates

(S) Y R

24 Adjustable Braces

(S) Y R N/A

24a Non-Adjustable Braces

S Y R N/ASwitch Rods

25 Front Rod

(S) Y R N/A

26 #1 Rod (Basket Rod)

(S) Y R

27 #2 Rod

(S) Y R

28 #3 Rod

(S) Y R N/A

29 #4 Rod

(S) Y R N/A

30 Closure Rail

(S) Y R

31 Surface of Switch

(S) Y R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out
of Service

32 Head Block Ties

(S) Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

Qb Broken Missing

37 Locks

Ok Broken Missing

38 General Condition

(S) Y R

39 Insulated Joints

(S) Y R

39a Regular Joints

(S) Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y R
R ☒ Y R53 Frog # 15

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 2 7/872 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 5/8**Gage must not be less than 56" any class**Guard Rail60 Guard Rail Gage N 54 1/2 R 54 5/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 1/2 R 52 5/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 1/8 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R N/A

82 Derails

☒ Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y R

Remarks

Page 3 of 3

GROVE WORN IN CV STOCK RAIL BY #3 ROD
1/8" GAP CV RH PT

SHELLED CV PT

PITTED FROG PT & THROAT

SHELLED CV CLOSURE

LOOSE 20" FROG BOLT

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:

M. Bayk

Date:

7-1-14

11-10-2011

Work Order Tracking (Tr)

Bulletins: (1) Go To Reports Start Center Profile Sign Out H

Find: Select Action:

List Work Order Plans **Actuals** Related Records Safety Plan Log Failure Reporting Specifications

Work Order: 1495221 Semi Annual Switch Inspection Site: LTRAIL Status: APPR
 Asset: 1262033 Track switch, L, 10, FACING Alias: 373SMOWSW

Children of Work Order 1495221 Filter

Tasks for Work Order 1495221 Filter 1 - 1 of 1

Sequence	Task	Summary	Component	Reason for Repair	Warranty?	Qualifications	Status
10	10	Performed inspection according to LR MOW			N	NONE	APPR

New Row

Labor Materials Services Tools Repair Orders

Labor Filter 1 - 3 of 3

Task	Labor	Approved?	Start Date	Start Time	End Time	Regular Hours	Premium Pay Hours	Rate	Warranty?	Qualification Met?
	TSCHISLER		06/26/14	06:00:00	02:00:00	F	8:00	26.29		
	DBYRD4		06/26/14	06:00:00	12:00:00	F	0:00	26.50	6:00	
	BPANUSKA		06/26/14	06:00:00	12:00:00	F	0:00	26.29	6:00	

Labor

Task:

Labor: BPANUSKA Brandon Panuska

Regular Hours: 0:00

Component:

Position:

Reason for Repair:

Work Accomplished:

Part Failure:

Memo:

Start Date: 06/26/14

Start Time: 06:00:00

End Date: 06/26/14

End Time: 12:00:00

Rate: 26.29

Line Cost: 236.61

Type: WORK

Warranty?:

Qualification Met?:

Approved?:

Timer Status:

Craft: AREPAIR

Skill Level:

Outside Labor

Premium Pay

Charge Information

Outside? ☐

Vendor:

Contract:

Revision:

Premium Pay Code: OT1.5

Premium Pay Hours: 6:00

Premium Pay Rate: 1.50

Premium Rate Type: MULTIPLIER

GL Debit Account: J05-####-052

GL Credit Account:

Location: CMS373

Asset: 1262033

Alias: 373SMOWSW

Recorded as Received

Select Labor Select Planned Labor New Row

484 3A

MainlineSwitch Inspection Report Semi-AnnualWO# 1503353

Page 1 of 3

Date 6/26/14Watchman D BIRNInspection Crew T SCHISLER B PANUSKA1 Location CROWNELL2 Switch I.D. # 484 3A3 Facing X TrailingRail Points4 Point to Point 51 1/4

5 Point Condition

☒ Y ☐ R6 Point Throw. Nothing less than 4 inches or greater than 5 inches.N 4 3/8 4 1/8

6a Point Opening

N 5 1/8 5 1/8

7 Fit

☒ Y ☐ R

8 General Condition of the Points

☒ Y ☐ RGage

Heel of Switch

9 Main 56 5/810 Turnout 56 3/411 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 3/813 Main 6 1/4Stock Rail

14 Bend

☒ Y ☐ R

15 Condition

☒ Y ☐ RBolts16 Loose 0 N/A17 Missing 0 N/ARivets (Huck Bolts)18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose N/A

21a Washers ☒ Broken MissingRemarks on page 3

GMJC 11-10-2011

22 Standard Joints

☒ Y ☐ R N/A

23 Switch Plates

☒ Y ☐ R

24 Adjustable Braces

☒ Y ☐ R N/A

24a Non-Adjustable Braces

☒ Y ☐ R ☒ N/ASwitch Rods

25 Front Rod

☒ Y ☐ R N/A

26 #1 Rod (Basket Rod)

☒ Y ☐ R

27 #2 Rod

☒ Y ☐ R

28 #3 Rod

☒ Y ☐ R N/A

29 #4 Rod

☒ Y ☐ R N/A

30 Closure Rail

☒ Y ☐ R

31 Surface of Switch

☒ Y ☐ R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out of Service

32 Head Block Ties

☒ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Broken Missing

37 Locks

☒ Broken Missing

38 General Condition

☒ Y ☐ R

39 Insulated Joints

☒ Y ☐ R

39a Regular Joints

☒ Y ☐ R

50 Location _____

50a Switch I.D. # _____

51 Facing _____

Trailing _____

52 Frog Tread N ☒ Y ☐ RR ☒ Y ☐ R53 Frog # 2

54/79 Point Condition

☒ Y ☐ R

55 Condition of Frog

☒ Y ☐ R

56 Surface of Frog

☒ Y ☐ R57 Throat in Inches 3 3/872 Flangeway Depth 1 15/16**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 3/4**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 5/8 R 54 7/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 3/4 R 52 7/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y ☐ R

63 Location of Guard Rail (Relation to Point)

☒ Y ☐ RGuard Rail Clamps

64 Main Track

☒ Y ☐ R ☐ N/A

65 Turnout Track

☒ Y ☐ R ☐ N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y****Remarks on page 3**

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y ☐ R ☐ N/A

67 Rail Movement

☒ Y ☐ R ☐ N/ATie Plates

68 Lead

☒ Y ☐ R ☐ N/A

69 Guard Rail Flangeway

☒ Y ☐ R ☐ N 1 7/8 R 1 3/4**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y ☐ R ☐ N/A

71 Frog Plates

☒ Y ☐ R ☐ N/A

Bolts

73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y ☐ R ☐ N/A

81 Spring Housing

☐ Y ☐ R ☒ N/A

82 Derails

☐ Y ☐ R ☒ N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y ☐ R

Remarks

Page 3 of 3

Lined area for handwritten remarks.

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

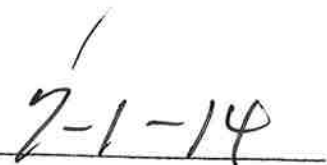
R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:



11-10-2011

484 1B

MainlineSwitch Inspection Report Semi-AnnualWO# 1503303

Page 1 of 3

Date 6/26/2014Watchman D BIRDInspection Crew T SCHISLER B PANUSKA1 Location CROMWELL2 Switch I.D. # 484 1B3 Facing _____ Trailing xRail Points4 Point to Point 5 1/8

5 Point Condition

☒ S ☐ Y ☐ R6 Point Throw. Nothing less than 4 inches or greater than 5 inches.
Min 3 1/2 inches on house top point protectedN S S

6a Point Opening

N 5 3/8 5 3/8

7 Fit

☒ S ☐ Y ☐ R

8 General Condition of the Points

☒ S ☐ Y ☐ RGage

Heel of Switch

9 Main 6 3/810 Turnout 6 1/411 Gage ahead of Bend 56 5/8Must not be less than 56 inches or
more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 56 5/813 Main 56 1/2Stock Rail

14 Bend

☒ S ☐ Y ☐ R

15 Condition

☒ S ☐ Y ☐ RBolts16 Loose 0 N/A17 Missing 0 N/ARivets (Huck Bolts)18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers ☒ Ok Broken _____ Missing _____Remarks on page 3

GNEJC 11-10-2011

22 Standard Joints

☒ S ☐ Y ☐ R N/A

23 Switch Plates

☒ S ☐ Y ☐ R

24 Adjustable Braces

☒ S ☐ Y ☐ R N/A

24a Non-Adjustable Braces

☐ S ☐ Y ☒ R N/ASwitch Rods

25 Front Rod

☒ S ☐ Y ☐ R N/A

26 #1 Rod (Basket Rod)

☒ S ☐ Y ☐ R

27 #2 Rod

☒ S ☐ Y ☐ R

28 #3 Rod

☒ S ☐ Y ☐ R N/A

29 #4 Rod

☒ S ☐ Y ☐ R N/A

30 Closure Rail

☒ S ☐ Y ☐ R

31 Surface of Switch

☐ S ☐ Y ☐ R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out
of Service

32 Head Block Ties

☒ S ☐ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Broken _____ Missing _____

37 Locks

☒ Broken _____ Missing _____

38 General Condition

☒ S ☐ Y ☐ R

39 Insulated Joints

☒ S ☐ Y ☐ R

39a Regular Joints

☒ S ☐ Y ☐ R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y ☒ R
R ☒ Y ☒ R53 Frog # 10

54/79 Point Condition

☒ Y ☒ R

55 Condition of Frog

☒ Y ☒ R

56 Surface of Frog

☒ Y ☒ R57 Throat in Inches 3 1/272 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 5/859 Turnout Track 56 5/8**Gage must not be less than 56" any class**Guard Rail60 Guard Rail Gage N 54 5/8 R 54 5/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 5/8 R 52 3/4**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y ☒ R

63 Location of Guard Rail (Relation to Point)

☒ Y ☒ RGuard Rail Clamps

64 Main Track

☒ Y ☒ R N/A

65 Turnout Track

☒ Y ☒ R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y ☒ R N/A

67 Rail Movement

☒ Y ☒ R N/ATie Plates

68 Lead

☒ Y ☒ R N/A

69 Guard Rail Flangeway

☒ Y ☒ R N 2 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y ☒ R N/A

71 Frog Plates

☒ Y ☒ R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y ☒ R N/A

81 Spring Housing

☒ Y ☒ R N/A

82 Derails

☒ Y ☒ R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y ☒ R

Remarks

Page 3 of 3

Lined area for handwritten remarks.

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by: M. Boyk Date: 7-1-14

11-10-2011

484 1A

MainlineSwitch Inspection Report Semi-AnnualWO# 1503219

Page 1 of 3

Date 6/24/14Inspection Crew T SCHISLER B PANUSKAWatchman D BIRD1 Location CROMWELL2 Switch I.D. # 484 1A3 Facing Trailing XRail Points4 Point to Point 51 1/4

5 Point Condition

S Y R6 Point Throw. Nothing less than 4 inches or greater than 5 inches.
N S S Min 3 1/2 inches on house top point protected

6a Point Opening

N 5 1/4 5 1/4

7 Fit

S Y R

8 General Condition of the Points

S Y RGage

Heel of Switch

9 Main 56 5/810 Turnout 56 5/811 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 3/813 Main 6 1/4Stock Rail

14 Bend

S Y R

15 Condition

S Y RBolts16 Loose 0 N/A17 Missing 0 N/ARivets (Huck Bolts)18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers Ok Broken Missing

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/ASwitch Rods

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Drv

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

Ok Broken Missing

37 Locks

Ok Broken Missing

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y RRemarks on page 3

GMJC 11-10-2011

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y R
R ☒ Y R53 Frog # 10

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 3 3/872 Flangeway Depth 1 1/8**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 3/459 Turnout Track 56 3/4**Gage must not be less than 56" any class**Guard Rail60 Guard Rail Gage N 54 3/4 R 54 3/4**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 3/4 R 52 3/4**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 1/8 R 1 1/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R ☒ N/A

82 Derails

☒ Y R ☒ N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y R

Remarks

Page 3 of 3

BENT #4 Rod

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

Mainline Switch Inspection Report Semi-Annual WO# 1503305 Page 1 of 3

Date 6/26/14 Inspection Crew T SCHISLER B PANUSKA

Watchman D BIRD

1 Location CROMWELL

2 Switch I.D. # 488-1

3 Facing X Trailing

Rail Points

4 Point to Point 51 1/8

5 Point Condition

☒ Y ☐ R

6 Point Throw, Nothing less than 4 inches or greater than 5 inches.
Min 3 1/2 inches on house top point protected

N 5 1/8 5 1/8

6a Point Opening

N 5 1/2 5 1/2

7 Fit

☒ Y ☐ R

8 General Condition of the Points

☒ Y ☐ R

Gage

Heel of Switch

9 Main 56 1/2

10 Turnout 56 1/2

11 Gage ahead of Bend 56 3/4

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/4

13 Main 6 1/4

Stock Rail

14 Bend

☒ Y ☐ R

15 Condition

☒ Y ☐ R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers ☒ Broken Missing

Remarks on page 3

GNFJC 11-10-2011

22 Standard Joints

☒ Y ☐ R N/A

23 Switch Plates

☒ Y ☐ R

24 Adjustable Braces

☒ Y ☐ R N/A

24a Non-Adjustable Braces

S Y R ☒ N/A

Switch Rods

25 Front Rod

☒ Y ☐ R N/A

26 #1 Rod (Basket Rod)

☒ Y ☐ R

27 #2 Rod

☒ Y ☐ R

28 #3 Rod

S Y R ☒ N/A

29 #4 Rod

S Y R ☒ N/A

30 Closure Rail

☒ Y ☐ R

31 Surface of Switch

☒ Y ☐ R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out of Service

32 Head Block Ties

☒ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

☒ Missing ☒ N/A

36 Latches

☒ Broken Missing

37 Locks

☒ Broken Missing

38 General Condition

☒ Y ☐ R

39 Insulated Joints

☒ Y ☐ R

39a Regular Joints

☒ Y ☐ R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y R
R ☒ Y R53 Frog # 6

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 3 1/272 Flangeway Depth 1 1/8**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 3/459 Turnout Track 56 1/2**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 5/8 R 54 1/2**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 5/8 R 52 5/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 2 1/8 R 2**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/ABolts73 Loose ☒ N/A74 Missing ☒ N/ARivets (Huck)75 Loose ☒ N/A76 Missing ☒ N/A77 Nuts Missing ☒ N/A78 Cotter Pins Missing ☒ N/A79 Washers ☒ Broken ☒ Missing ☒ N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R ☒ N/A

82 Derails

☒ Y R ☒ N/A83 Maximum difference in any 31' in CrossLevel on the siding from the Frog Point to50' beyond the last long tie☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y R

Remarks

Page 3 of 3

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

Mainline Switch Inspection Report Semi-Annual WO# 1503307 Page 1 of 3

Date 6/26/14 Inspection Crew T SCHISLAE B PANUSKA

Watchman D BIRD

1 Location CROWWELL

2 Switch I.D. # 488-3

3 Facing _____ Trailing X

Rail Points

4 Point to Point 51 3/4

5 Point Condition

S Y R

6 Point Throw. Min 3 1/2 inches on house top point protected

N 4 1/8 4 1/8

6a Point Opening

N 4 3/4 4 1/4

7 Fit

S Y R

8 General Condition of the Points

S Y R

Gage

Heel of Switch

9 Main 56 5/8

10 Turnout 57

11 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 60 1/4

13 Main 60 3/8

Stock Rail

14 Bend

S Y R

15 Condition

S Y R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers Ok Broken _____ Missing _____

Remarks on page 3

GMLJC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/A

Switch Rods

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

Ok Broken _____ Missing _____

37 Locks

Ok Broken _____ Missing _____

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y ☐ R
R ☒ Y ☐ R53 Frog # 6

54/79 Point Condition

☒ Y ☐ R

55 Condition of Frog

☒ Y ☐ R

56 Surface of Frog

☒ Y ☐ R57 Throat in Inches 3 1/2

72 Flangeway Depth _____

Flangeway Depth must not be less than 1 1/2"

Gage58 Main Track 56 3/859 Turnout Track 56 1/2

Gage must not be less than 56" any class

Guard Rails60 Guard Rail Gage N 54 5/8 R 54 3/8

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 1/2 R 52 3/8

Back to Back Gage must be less than 53 1/8"

62 Condition

☒ Y ☐ R

63 Location of Guard Rail (Relation to Point)

☒ Y ☐ RGuard Rail Clamps

64 Main Track

☒ Y ☐ R ☐ N/A

65 Turnout Track

☒ Y ☐ R ☐ N/A

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/4" downgrade toClass 2 and gets a YRemarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y ☐ R ☐ N/A

67 Rail Movement

☒ Y ☐ R ☐ N/ATie Plates

68 Lead

☒ Y ☐ R ☐ N/A

69 Guard Rail Flangeway

☒ Y ☐ R ☐ N 1 3/4 R 2

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

☒ Y ☐ R ☐ N/A

71 Frog Plates

☒ Y ☐ R ☐ N/ABolts73 Loose ☐ N/A74 Missing ☐ N/ARivets (Huck)75 Loose ☐ N/A76 Missing ☐ N/A77 Nuts Missing ☐ N/A78 Cotter Pins Missing ☐ N/A79 Washers ☒ Broken ☐ Missing ☐ N/A

80 Hold Down Devices

☒ Y ☐ R ☐ N/A

81 Spring Housing

☐ Y ☐ R ☒ N/A

82 Derails

☐ Y ☐ R ☒ N/A83 Maximum difference in any 31' in CrossLevel on the siding from the Frog Point to50' beyond the last long tie☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y ☐ R

Remarks

Page 3 of 3

BENT BASKET ROD

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

480

Mainline**Switch Inspection Report Semi-Annual**

WO# 1512046

Page 1 of 3

Date 6/26/14Watchman D BIRDInspection Crew T SCHISLER B PANUSKA1 Location CROMWELL2 Switch I.D. # 4803 Facing X Trailing**Rail Points**4 Point to Point SL

5 Point Condition

S Y R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw. Min 3 1/2 inches on house top point protected

N S 3/8 S 3/8

6a Point Opening

N S 3/4 S 3/4

7 Fit

S Y R

8 General Condition of the Points

S Y R

Gage

Heel of Switch

9 Main SL 1/210 Turnout SL 1/211 Gage ahead of Bend SG 3/4

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 3/813 Main 6 1/4**Stock Rail**

14 Bend

S Y R

15 Condition

S Y R

Bolts16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers Ok Broken Missing**Remarks on page 3**

GMLJC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/A

Switch Rods

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y R

Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

Ok Broken Missing

37 Locks

Ok Broken Missing

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R

Mainline**Frog Inspection Report Semi-Annual****Page 2 of 3**

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y ☒ R
R ☒ Y ☒ R53 Frog # 8

54/79 Point Condition

☒ Y ☒ R

55 Condition of Frog

☒ Y ☒ R

56 Surface of Frog

☒ Y ☒ R57 Throat in Inches 3 1/272 Flangeway Depth 1 5/16**Flangeway Depth must not be less than 1 1/2"****Gage**58 Main Track 56 3/459 Turnout Track 56 5/8**Gage must not be less than 56" any class****Guard Rails**60 Guard Rail Gage N 54 7/8 R 54 3/4**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 7/8 R 52 1/4**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y ☒ R

63 Location of Guard Rail (Relation to Point)

☒ Y ☒ R**Guard Rail Clamps**

64 Main Track

☒ Y ☒ R N/A

65 Turnout Track

☒ Y ☒ R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y****Remarks on page 3**

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y ☒ R N/A

67 Rail Movement

☒ Y ☒ R N/A**Tie Plates**

68 Lead

☒ Y ☒ R N/A

69 Guard Rail Flangeway

☒ Y ☒ R N 1 7/8 R 2**Guard Rail Flangeway can not be less 1 1/4"**

70 Guard Rail Plates

☒ Y ☒ R N/A

71 Frog Plates

☒ Y ☒ R N/A**Bolts**73 Loose 0 N/A74 Missing 0 N/A**Rivets (Huck)**75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Ok ☒ Broken ☒ Missing ☒ N/A

80 Hold Down Devices

☒ Y ☒ R N/A

81 Spring Housing

☒ Y ☒ R ☒ N/A

82 Derails

☒ Y ☒ R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Ok Difference _____

84 Condition of Line thru entire turnout

☒ Y ☒ R

Remarks

Page 3 of 3

DETAIL MISSING Yellow/Purple FLAG ON STAND

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

22 1A

Mainline**Switch Inspection Report Semi-Annual**

WO# 1505643

Page 1 of 3

Date 6/27/14Inspection Crew T SCHISLER M ALCHINWatchman S SEU1 Location CMBW10222 Switch I.D. # 22 1A3 Facing Trailing X**Rail Points**4 Point to Point 51 1/4

5 Point Condition

(S) Y R

6 Point Throw, Min 3 1/2 inches on house top point protected

N 4 5/8 4 3/8

6a Point Opening

N S S

7 Fit

(S) Y R

8 General Condition of the Points

(S) Y R**Gage**

Heel of Switch

9 Main 56 1/210 Turnout 56 3/1611 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 3/8**Stock Rail**

14 Bend

(S) Y R

15 Condition

(S) Y R**Bolts**16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers (Ok) Broken Missing**Remarks on page 3**

GMFC 11-10-2011

22 Standard Joints

(S) Y R N/A

23 Switch Plates

(S) Y R

24 Adjustable Braces

(S) Y R N/A

24a Non-Adjustable Braces

S Y R (N/A)**Switch Rods**

25 Front Rod

(S) Y R N/A

26 #1 Rod (Basket Rod)

(S) Y R

27 #2 Rod

(S) Y R

28 #3 Rod

(S) Y R N/A

29 #4 Rod

(S) Y R N/A

30 Closure Rail

(S) Y R

31 Surface of Switch

(S) Y R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out of Service

32 Head Block Ties

(S) Y R

33 Switch Adjustments

Yes (NO)

34 Lubrication

(Ok) Dry

35 Switch Targets/Lamps

Ok Missing (N/A)

36 Latches

(Ok) Broken Missing

37 Locks

(Ok) Broken Missing

38 General Condition

(S) Y R

39 Insulated Joints

(S) Y R

39a Regular Joints

(S) Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y ☐ RR ☒ Y ☐ R53 Frog # 10

54/79 Point Condition

☒ Y ☐ R

55 Condition of Frog

☒ Y ☐ R

56 Surface of Frog

☒ Y ☐ R57 Throat in Inches 3 1/472 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 3/459 Turnout Track 56 11/16**Gage must not be less than 56" any class**Guard Rail60 Guard Rail Gage N 54 3/4 R 54 11/16**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 3/4 R 52 1/4**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y ☐ R

63 Location of Guard Rail (Relation to Point)

☒ Y ☐ RGuard Rail Clamps

64 Main Track

☒ Y ☐ R ☐ N/A

65 Turnout Track

☒ Y ☐ R ☐ N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y ☐ R ☐ N/A

67 Rail Movement

☒ Y ☐ R ☐ N/ATie Plates

68 Lead

☒ Y ☐ R ☐ N/A

69 Guard Rail Flangeway

☒ Y ☐ R ☐ N 1 7/8 R 1 5/16**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y ☐ R ☐ N/A

71 Frog Plates

☒ Y ☐ R ☐ N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Ok ☐ Broken ☐ Missing ☐ N/A

80 Hold Down Devices

☒ Y ☐ R ☐ N/A

81 Spring Housing

☐ S ☐ Y ☐ R ☒ N/A

82 Derails

☐ S ☐ Y ☐ R ☒ N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Ok ☐ Difference _____

84 Condition of Line thru entire turnout

☒ Y ☐ R

Remarks

Page 3 of 3

NO NEW DEFECTS NOTED

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

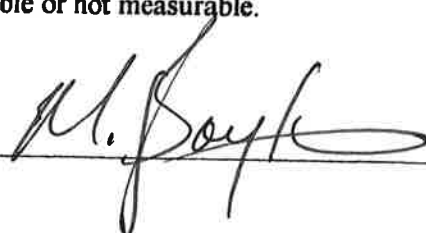
S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

22 1 B

MainlineSwitch Inspection Report Semi-Annual

WO# 1505647

Page 1 of 3

Date 6/27/14Inspection Crew T SCHISLER M ALCHINWatchman S SELL1 Location CM Bw 1.0222 Switch I.D. # 22 1B3 Facing Trailing XRail Points4 Point to Point SI

5 Point Condition

(S) Y R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw. Min 3 1/2 inches on house top point protected

N 4 3/4 4 3/4

6a Point Opening

N 5 3/16 5 3/16

7 Fit

(S) Y R

8 General Condition of the Points

(S) Y RGage

Heel of Switch

9 Main 56 1/210 Turnout 56 5/1611 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4Stock Rail

14 Bend

(S) Y R

15 Condition

(S) Y RBolts16 Loose 0 N/A17 Missing 0 N/ARivets (Huck Bolts)18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers Ok Broken MissingRemarks on page 3

GNFJC 11-10-2011

22 Standard Joints

(S) Y R N/A

23 Switch Plates

(S) Y R

24 Adjustable Braces

(S) Y R N/A

24a Non-Adjustable Braces

(S) Y R (N/A)Switch Rods

25 Front Rod

(S) Y R N/A

26 #1 Rod (Basket Rod)

(S) Y R

27 #2 Rod

(S) Y R

28 #3 Rod

(S) Y R N/A

29 #4 Rod

(S) Y R N/A

30 Closure Rail

(S) Y R

31 Surface of Switch

(S) Y R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out of Service

32 Head Block Ties

(S) Y R

33 Switch Adjustments

Yes (No)

34 Lubrication

Ok (Dry)

35 Switch Targets/Lamps

Ok Missing (N/A)

36 Latches

(Ok) Broken Missing

37 Locks

(Ok) Broken Missing

38 General Condition

(S) Y R

39 Insulated Joints

(S) Y R

39a Regular Joints

(S) Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____

Trailing _____

52 Frog Tread N _____

S Y R

R _____

S Y R

53 Frog # 10

54/79 Point Condition

S Y R

55 Condition of Frog

S Y R

56 Surface of Frog

S Y R

57 Throat in Inches 3 3/8

72 Flangeway Depth 2

Flangeway Depth must not be less than 1 1/2"

Gage

58 Main Track 56 9/16

59 Turnout Track 56 9/16

Gage must not be less than 56" any class

Guard Rails

60 Guard Rail Gage N 54 5/8 R 54 5/8

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 1/16 R 52 3/4

Back to Back Gage must be less than 53 1/8"

62 Condition

S Y R

63 Location of Guard Rail (Relation to Point)

S Y R

Guard Rail Clamps

64 Main Track

S Y R N/A

65 Turnout Track

S Y R N/A

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/4" downgrade to

Class 2 and gets a Y

Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

S Y R N/A

67 Rail Movement

S Y R N/A

Tie Plates

68 Lead

S Y R N/A

69 Guard Rail Flangeway

S Y R N 1 1/16 R 1 7/8

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

S Y R N/A

71 Frog Plates

S Y R N/A

Bolts

73 Loose 0 N/A

74 Missing 0 N/A

Rivets (Huck)

75 Loose 0 N/A

76 Missing 0 N/A

77 Nuts Missing 0 N/A

78 Cotter Pins Missing 0 N/A

79 Washers (Ok) Broken Missing N/A

80 Hold Down Devices

S Y R N/A

81 Spring Housing

S Y R N/A

82 Derails

S Y R N/A

83 Maximum difference in any 31' in Cross

Level on the siding from the Frog Point to

50' beyond the last long tie

(Ok) Difference _____

84 Condition of Line thru entire turnout

S Y R

Remarks

Page 3 of 3

NO NEW DEFECTS NOTED

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

MainlineSwitch Inspection Report Semi-AnnualWO# 1505719Page 1 of 3Date 6/27/14Inspection Crew T. SCHISLER, M. ALCHINWatchman S. GELL1 Location CM Bw I 1152 Switch I.D. # 1153 Facing X TrailingRail Points4 Point to Point 51 3/16

5 Point Condition

S Y R6 Point Throw. Nothing less than 4 inches or greater than 5 inches.
Min 3 1/2 inches on house top point protectedN S S

6a Point Opening

N 5 3/8 5 3/8

7 Fit

S Y R

8 General Condition of the Points

S Y RGage

Heel of Switch

9 Main 56 3/410 Turnout 56 9/1611 Gage ahead of Bend 56 3/4Must not be less than 56 inches or
more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 5/1613 Main 6 YtStock Rail

14 Bend

S Y R

15 Condition

S Y RBolts16 Loose 0 N/A17 Missing 0 N/ARivets (Huck Bolts)18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers Ok Broken MissingRemarks on page 3

GNJC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/ASwitch Rods

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y RUsing a 62' cord, not over
1" to 1 1/2" for a Y and no
more than 1 1/2" to 1 3/4"For a R, Great than 1 3/4" is Out
of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

Ok Broken Missing

37 Locks

Ok Broken Missing

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____

Trailing

52 Frog Tread N ☒ Y ☒ R

R

☒ Y ☒ R53 Frog # 15

54/79 Point Condition

☒ Y ☒ R

55 Condition of Frog

☒ Y ☒ R

56 Surface of Frog

☒ Y ☒ R57 Throat in Inches 2 5/872 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 5/859 Turnout Track 56 3/8**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 15/16 R 54 7/16**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 7/8 R 52 1/2**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y ☒ R

63 Location of Guard Rail (Relation to Point)

☒ Y ☒ RGuard Rail Clamps

64 Main Track

☒ Y ☒ R N/A

65 Turnout Track

☒ Y ☒ R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y ☒ R N/A

67 Rail Movement

☒ Y ☒ R N/ATie Plates

68 Lead

☒ Y ☒ R N/A

69 Guard Rail Flangeway

☒ Y ☒ R N 1 5/8 R 1 5/16**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y ☒ R N/A

71 Frog Plates

☒ Y ☒ R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y ☒ R N/A

81 Spring Housing

☒ Y ☒ R N/A

82 Derails

☒ Y ☒ R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y ☒ R

Remarks

Page 3 of 3

PITTED FROG PT
SHELLING ON FROG PT

NUMEROUS LOOSE SCREW SPIKES HEEL TO PTS - (23)

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

22 3A

Mainline Switch Inspection Report Semi-Annual WO# 1505649 Page 1 of 3

Date 6/27/14 Inspection Crew L SCHISLER M ALCHIN

Watchman S SEU

1 Location CM BW 1 022

2 Switch I.D. # 22 3A

3 Facing X Trailing

Rail Points

4 Point to Point 5 1/8

5 Point Condition

☒ Y ☐ R

6 Point Throw. Min 3 1/2 inches on house top point protected

N 4 5/8 4 5/8

6a Point Opening

N 5 1/8 5 1/8

7 Fit

☒ Y ☐ R

8 General Condition of the Points

☒ Y ☐ R

Gage

Heel of Switch

9 Main 6 1/4

10 Turnout 6 3/8

11 Gage ahead of Bend 56 3/16

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 56 1/2

13 Main 56 1/16

Stock Rail

14 Bend

☒ Y ☐ R

15 Condition

☒ Y ☐ R

Bolts

16 Loose ☒ N/A

17 Missing ☒ N/A

Rivets (Huck Bolts)

18 Loose ☒ N/A

19 Missing ☒ N/A

20 Cotter Pins Missing ☒ N/A

21 Jam Nuts Loose ☒ N/A

21a Washers ☒ Broken Missing

Remarks on page 3

GMJC 11-10-2011

22 Standard Joints

☒ Y ☐ R N/A

23 Switch Plates

☒ Y ☐ R

24 Adjustable Braces

☒ Y ☐ R N/A

24a Non-Adjustable Braces

☒ Y ☐ R ☒ N/A

Switch Rods

25 Front Rod

☒ Y ☐ R N/A

26 #1 Rod (Basket Rod)

☒ Y ☐ R

27 #2 Rod

☒ Y ☐ R

28 #3 Rod

☒ Y ☐ R N/A

29 #4 Rod

☒ Y ☐ R N/A

30 Closure Rail

☒ Y ☐ R

31 Surface of Switch

☒ Y ☐ R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out of Service

32 Head Block Ties

☒ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Broken Missing

37 Locks

☒ Broken Missing

38 General Condition

☒ Y ☐ R

39 Insulated Joints

☒ Y ☐ R

39a Regular Joints

☒ Y ☐ R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y ☐ RR ☒ Y ☐ R53 Frog # 10

54/79 Point Condition

S Y R

55 Condition of Frog

☒ Y ☐ R

56 Surface of Frog

☒ Y ☐ R57 Throat in Inches 3 3/872 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 3/859 Turnout Track 56 1/4**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 1/4 R 54 3/4**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 5/8 R 52 1/2**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y ☐ R

63 Location of Guard Rail (Relation to Point)

☒ Y ☐ RGuard Rail Clamps

64 Main Track

☒ Y ☐ R N/A

65 Turnout Track

☒ Y ☐ R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y ☐ R N/A

67 Rail Movement

☒ Y ☐ R N/ATie Plates

68 Lead

☒ Y ☐ R N/A

69 Guard Rail Flangeway

☒ Y ☐ R N 1 13/16 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y ☐ R N/A

71 Frog Plates

☒ Y ☐ R N/ABolts73 Loose ☒ N/A74 Missing ☒ N/ARivets (Huck)75 Loose ☒ N/A76 Missing ☒ N/A77 Nuts Missing ☒ N/A78 Cotter Pins Missing ☒ N/A79 Washers ☒ Broken ☐ Missing ☐ N/A

80 Hold Down Devices

☒ Y ☐ R N/A

81 Spring Housing

S Y R ☒ N/A

82 Derails

S Y R ☒ N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y ☐ R

Remarks

Page 3 of 3

YELLOW JACKETS IN KEEPER

BATTERED THROAT + PT ALSO PITTED

SHELLED POINT - (FROG)

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

104B SW

Mainline Switch Inspection Report Semi-Annual WOH 1505717 Page 1 of 3Date 6/27/14 Inspection Crew T SCHISLER M ALCHINWatchman S SEU1 Location CM BWT 1042 Switch I.D. # 104B SW3 Facing X Trailing**Rail Points**4 Point to Point 51 3/4

5 Point Condition

☒ Y ☒ RNothing less than 4 inches or greater than 5 inches.
6 Point Throw. Min 3 1/2 inches on house top point protectedN 4 3/8 4 3/8

6a Point Opening

N 4 3/4 4 3/4

7 Fit

☒ Y ☒ R

8 General Condition of the Points

☒ Y ☒ R**Gage**

Heel of Switch

9 Main 56 3/810 Turnout 56 1/211 Gage ahead of Bend 56 1/2Must not be less than 56 inches or
more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 3/813 Main 6 3/8**Stock Rail**

14 Bend

☒ Y ☒ R

15 Condition

☒ Y ☒ R**Bolts**16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers ☒ Ok ☐ Broken ☐ Missing**Remarks on page 3**

GMLJC 11-10-2011

22 Standard Joints

☒ Y ☒ R N/A

23 Switch Plates

☒ Y ☒ R

24 Adjustable Braces

☒ Y ☒ R N/A

24a Non-Adjustable Braces

☒ Y ☒ R N/A**Switch Rods**

25 Front Rod

☒ Y ☒ R N/A

26 #1 Rod (Basket Rod)

☒ Y ☒ R

27 #2 Rod

☒ Y ☒ R

28 #3 Rod

☒ Y ☒ R N/A

29 #4 Rod

☒ Y ☒ R N/A

30 Closure Rail

☒ Y ☒ R

31 Surface of Switch

☒ Y ☒ RUsing a 62' cord, not over
1" to 1 1/2" for a Y and no
more than 1 1/2" to 1 3/4"For a R, Great than 1 3/4" is Out
of Service

32 Head Block Ties

☒ Y ☒ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

Ok ☐ Missing ☒ N/A

36 Latches

☒ Broken ☐ Missing

37 Locks

☒ Broken ☐ Missing

38 General Condition

☒ Y ☒ R

39 Insulated Joints

☒ Y ☒ R

39a Regular Joints

☒ Y ☒ R

MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N (S) Y R
R (S) Y R53 Frog # 8

54/79 Point Condition

(S) Y R

55 Condition of Frog

(S) Y R

56 Surface of Frog

(S) Y R

57 Throat in Inches 3 3/872 Flangeway Depth 2 1/8

Flangeway Depth must not be less than 1 1/2"

Gage58 Main Track 56 1/259 Turnout Track 56 5/8

Gage must not be less than 56" any class

Guard Rails60 Guard Rail Gage N 54 7/8 R 54 7/8

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 5/8 R 52 9/16

Back to Back Gage must be less than 53 1/8"

62 Condition

(S) Y R

63 Location of Guard Rail (Relation to Point)

(S) Y R

Guard Rail Clamps

64 Main Track

(S) Y R N/A

65 Turnout Track

(S) Y R N/A

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/4" downgrade toClass 2 and gets a YRemarks on page 3

OM/JC 11-10-2011

Turnout Ties

66 Condition

(S) Y R N/A

67 Rail Movement

(S) Y R N/A

Tie Plates

68 Lead

(S) Y R N/A

69 Guard Rail Flangeway

(S) Y R N 2 R 1

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

(S) Y R N/A

71 Frog Plates

(S) Y R N/A

Bolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers (Ok) Broken 0 Missing 0 N/A

80 Hold Down Devices

(S) Y R N/A

81 Spring Housing

S Y R (N/A)

82 Derails

S Y R (N/A)

83 Maximum difference in any 31' in CrossLevel on the siding from the Frog Point to50' beyond the last long tie

(Ok) Difference _____

84 Condition of Line thru entire turnout

(S) Y R

Remarks

Page 3 of 3

Gapped PT STR 1/8

SIDE WEAR FROM PT

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

024B SW

Mainline Switch Inspection Report Semi-Annual WO# 1505645 Page 1 of 3Date 6/27/14 Inspection Crew T SCHISLER M ALCHINWatchman S SEL
1 Location CMBW 1.024
2 Switch I.D. # 024B SW
3 Facing X Trailing**Rail Points**4 Point to Point SI
5 Point Condition S Y R
Nothing less than 4 inches or greater than 5 inches.
6 Point Throw. Min 3 1/2 inches on house top point protected
N 4 1/16 4 1/16
6a Point Opening
N 5 1/8 5 1/8

7 Fit

S Y R8 General Condition of the Points
S Y R**Gage**

Heel of Switch

9 Main 56 3/810 Turnout 56 1/811 Gage ahead of Bend 56 1/2Must not be less than 56 inches or
more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 5 3/8**Stock Rail**

14 Bend

S Y R

15 Condition

S Y R**Bolts**16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers OK Broken Missing**Remarks on page 3**

GNLJC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/A**Switch Rods**

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y RUsing a 62' cord, not over
1" to 1 1/2" for a Y and no
more than 1 1/2" to 1 3/4"For a R, Great than 1 3/4" is Out
of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

OK Broken Missing

37 Locks

OK Broken Missing

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____

Trailing

52 Frog Tread N ☒ Y ☒ R
R ☒ Y ☒ R53 Frog # 8

54/79 Point Condition

☒ Y ☒ R

55 Condition of Frog

☒ Y ☒ R

56 Surface of Frog

☒ Y ☒ R57 Throat in Inches 3 1/472 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/1659 Turnout Track 56 1/4**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 5/8 R 54 5/16**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 5/8 R 52 3/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y ☒ R

63 Location of Guard Rail (Relation to Point)

☒ Y ☒ RGuard Rail Clamps

64 Main Track

☒ Y ☒ R ☒ N/A

65 Turnout Track

☒ Y ☒ R ☒ N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/4" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y ☒ R ☒ N/A

67 Rail Movement

☒ Y ☒ R ☒ N/ATie Plates

68 Lead

☒ Y ☒ R ☒ N/A

69 Guard Rail Flangeway

☒ Y ☒ R ☒ N 2 1/16 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y ☒ R ☒ N/A

71 Frog Plates

☒ Y ☒ R ☒ N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Ok ☒ Broken ☒ Missing ☒ N/A

80 Hold Down Devices

☒ Y ☒ R ☒ N/A

81 Spring Housing

☒ Y ☒ R ☒ N/A

82 Derails

☒ Y ☒ R ☒ N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Ok Difference _____

84 Condition of Line thru entire turnout

☒ Y ☒ R

Remarks

Page 3 of 3

NO NEW DEFECTS NOTED

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

Date 6/27/14 Inspection Crew SCHISLER, M. POLLARD, W. BRYANT
 Watchman _____

1 Location CROWWELL
 2 Switch I.D. # CW4 YW3
 3 Facing X Trailing _____

Rail Points

4 Point to Point 51 1/2
 5 Point Condition (S) Y R Nothing less than 4 inches or greater than 5 inches.
 6 Point Throw. Min 3 1/2 inches on house top point protected
 N 4 1/2 4 1/2
 6a Point Opening
 N 4 3/4 4 3/4

7 Fit

(S) Y R

8 General Condition of the Points

(S) Y R

Gage

Heel of Switch

9 Main 56 3/8

10 Turnout 56 1/2

11 Gage ahead of Bend 56 1/2
 Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/4

13 Main 6 1/4

Stock Rail

14 Bend

(S) Y R

15 Condition

(S) Y R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers OK Broken _____ Missing _____

Remarks on page 3

GMLJC 11-10-2011

22 Standard Joints

(S) Y R N/A

23 Switch Plates

(S) Y R

24 Adjustable Braces

(S) Y R N/A

24a Non-Adjustable Braces

(S) Y R N/A

Switch Rods

25 Front Rod

(S) Y R N/A

26 #1 Rod (Basket Rod)

(S) Y R

27 #2 Rod

(S) Y R

28 #3 Rod

(S) Y R N/A

29 #4 Rod

(S) Y R N/A

30 Closure Rail

(S) Y R

31 Surface of Switch

(S) Y R

Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out of Service

32 Head Block Ties

(S) Y R

33 Switch Adjustments

Yes (No)

34 Lubrication

Ok (Dry)

35 Switch Targets/Lamps

Ok Missing (N/A)

36 Latches

(Ok) Broken _____ Missing _____

37 Locks

(Ok) Broken _____ Missing _____

38 General Condition

(S) Y R

39 Insulated Joints

(S) Y R

39a Regular Joints

(S) Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N (S) Y R
R (S) Y R53 Frog # 8

54/79 Point Condition

(S) Y R

55 Condition of Frog

(S) Y R

56 Surface of Frog

(S) Y R

57 Throat in Inches 3 3/872 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 5/859 Turnout Track 52 3/4**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 3/4 R 54 3/4**Guard Rail Gage must not be more than 54 3/8"**61 Back To Back N 52 1/4 R 52 3/4**Back to Back Gage must be less than 53 1/8"**

62 Condition

(S) Y R

63 Location of Guard Rail (Relation to Point)

(S) Y R

Guard Rail Clamps

64 Main Track

(S) Y R N/A

65 Turnout Track

(S) Y R N/A

Class 1 Gage 56" to 57 1/2"**More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to**
Class 2 and gets a YRemarks on page 3

GM:JC 11-10-2011

Turnout Ties

66 Condition

(S) Y R N/A

67 Rail Movement

(S) Y R N/A

Tie Plates

68 Lead

(S) Y R N/A

69 Guard Rail Flangeway

(S) Y R N 1 7/8 R 2

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

(S) Y R N/A

71 Frog Plates

(S) Y R N/A

Bolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers (Ok) Broken 0 Missing 0 N/A

80 Hold Down Devices

(S) Y R N/A

81 Spring Housing

S Y R (N/A)

82 Derails

S Y R (N/A)

83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**

(Ok) Difference _____

84 Condition of Line thru entire turnout

(S) Y R

Remarks

Page 3 of 3

NO NEW DEFECTS NOTED

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-144

11-10-2011

Mainline**Switch Inspection Report Semi-Annual**

WO# 1523046

Page 1 of 3

Date 6/27/14Inspection Crew T. SCHISLER, M. DALLARD, W. BRYANT

Watchman _____

1 Location CROMWELL2 Switch I.D. # CWY YW43 Facing X Trailing _____**Rail Points**4 Point to Point 5 1/4

5 Point Condition

☒ S ☐ Y ☐ R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw. Min 3 1/2 inches on house top point protected

N 4 3/8 4 3/8

6a Point Opening

N S S

7 Fit

☒ S ☐ Y ☐ R

8 General Condition of the Points

☒ S ☐ Y ☐ R**Gage**

Heel of Switch

9 Main 56 1/210 Turnout 56 3/811 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 3/813 Main 6 1/4**Stock Rail**

14 Bend

☒ S ☐ Y ☐ R

15 Condition

☒ S ☐ Y ☐ R**Bolts**16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers ☒ Ok Broken Missing**Remarks on page 3**

GMLJC 11-10-2011

22 Standard Joints

☒ S ☐ Y ☐ R N/A

23 Switch Plates

☒ S ☐ Y ☐ R

24 Adjustable Braces

☒ S ☐ Y ☐ R N/A

24a Non-Adjustable Braces

☐ S ☐ Y ☒ R N/A**Switch Rods**

25 Front Rod

☒ S ☐ Y ☐ R N/A

26 #1 Rod (Basket Rod)

☒ S ☐ Y ☐ R

27 #2 Rod

☒ S ☐ Y ☐ R

28 #3 Rod

☒ S ☐ Y ☐ R N/A

29 #4 Rod

☒ S ☐ Y ☐ R N/A

30 Closure Rail

☒ S ☐ Y ☐ R

31 Surface of Switch

☒ S ☐ Y ☐ R

Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out of Service

32 Head Block Ties

☒ S ☐ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Ok Broken Missing

37 Locks

☒ Ok Broken Missing

38 General Condition

☒ S ☐ Y ☐ R

39 Insulated Joints

☒ S ☐ Y ☐ R

39a Regular Joints

☒ S ☐ Y ☐ R

MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N (S) Y R
R (S) Y R

53 Frog # 8

54/79 Point Condition

(S) Y R

55 Condition of Frog

(S) Y R

56 Surface of Frog

(S) Y R

57 Throat in Inches 3 3/8

72 Flangeway Depth 2

Flangeway Depth must not be less than 1 1/2"

Gage

58 Main Track 56 1/2

59 Turnout Track 56 9/16

Gage must not be less than 56" any class

Guard Rails

60 Guard Rail Gage N 54 7/16 R 54 1/2

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 7/16 R 52 3/8

Back to Back Gage must be less than 53 1/8"

62 Condition

(S) Y R

63 Location of Guard Rail (Relation to Point)

(S) Y R

Guard Rail Clamps

64 Main Track

(S) Y R N/A

65 Turnout Track

(S) Y R N/A

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/4" downgrade toClass 2 and gets a YRemarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

(S) Y R N/A

67 Rail Movement

(S) Y R N/A

Tie Plates

68 Lead

(S) Y R N/A

69 Guard Rail Flangeway

(S) Y R N 1 15/16 R 2

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

(S) Y R N/A

71 Frog Plates

(S) Y R N/A

Bolts

73 Loose 0 N/A

74 Missing 0 N/A

Rivets (Huck)

75 Loose 0 N/A

76 Missing 0 N/A

77 Nuts Missing 0 N/A

78 Cotter Pins Missing 0 N/A

79 Washers (Ok) Broken Missing N/A

80 Hold Down Devices

(S) Y R N/A

81 Spring Housing

S Y R (N/A)

82 Derails

S Y R (N/A)

83 Maximum difference in any 31' in CrossLevel on the siding from the Frog Point to50' beyond the last long tie

(Ok) Difference _____

84 Condition of Line thru entire turnout

(S) Y R

Remarks

Page 3 of 3

GAPPER CV PT 1/8"

CRACK IN FROG PT

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.

Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

Date 6/27/14Inspection Crew SCHISLER, M BROWN, W BRYANT

Watchman _____

1 Location CROWN HILL2 Switch I.D. # CW4 YW53 Facing X Trailing _____**Rail Points**4 Point to Point 5 1/4

5 Point Condition

(S) Y R6 Point Throw. Nothing less than 4 inches or greater than 5 inches.
N 4 3/8 4 3/8

6a Point Opening

N S S

7 Fit

(S) Y R

8 General Condition of the Points

(S) Y R**Gage**

Heel of Switch

9 Main 56 1/410 Turnout 56 7/1611 Gage ahead of Bend 56 9/16Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/213 Main 6 3/4**Stock Rail**

14 Bend

(S) Y R

15 Condition

(S) Y R**Bolts**16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers Ok Broken Missing**Remarks on page 3**

GNEJC 11-10-2011

22 Standard Joints

(S) Y R N/A

23 Switch Plates

(S) Y R

24 Adjustable Braces

(S) Y R N/A

24a Non-Adjustable Braces

S Y R (N/A)**Switch Rods**

25 Front Rod

(S) Y R N/A

26 #1 Rod (Basket Rod)

(S) Y R

27 #2 Rod

(S) Y R

28 #3 Rod

(S) Y R N/A

29 #4 Rod

(S) Y R N/A

30 Closure Rail

(S) Y R

31 Surface of Switch

(S) Y RUsing a 62' cord, not over1" to 1 1/2" for a Y and nomore than 1 1/2" to 1 3/4"For a R, Great than 1 3/4" is Out of Service

32 Head Block Ties

(S) Y R

33 Switch Adjustments

Yes (No)

34 Lubrication

Ok (Dry)

35 Switch Targets/Lamps

Ok Missing (N/A)

36 Latches

(Ok) Broken Missing

37 Locks

(Ok) Broken Missing

38 General Condition

(S) Y R

39 Insulated Joints

(S) Y R

39a Regular Joints

(S) Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N (S) Y R
R (S) Y R53 Frog # 6

54/79 Point Condition

(S) Y R

55 Condition of Frog

(S) Y R

56 Surface of Frog

(S) Y R57 Throat in Inches 3 1/272 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 7/1659 Turnout Track 56 7/16**Gage must not be less than 56" any class**Guard Rail60 Guard Rail Gage N 54 1/2 R 54 1/2**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 7/16 R 52 7/16**Back to Back Gage must be less than 53 1/8"**

62 Condition

(S) Y R

63 Location of Guard Rail (Relation to Point)

(S) Y RGuard Rail Clamps

64 Main Track

(S) Y R N/A

65 Turnout Track

(S) Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

(S) Y R N/A

67 Rail Movement

(S) Y R N/ATie Plates

68 Lead

(S) Y R N/A

69 Guard Rail Flangeway

(S) Y R N 1 1/2" R 2**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

(S) Y R N/A

71 Frog Plates

(S) Y R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers Ok Broken 0 Missing 0 N/A

80 Hold Down Devices

(S) Y R N/A

81 Spring Housing

S Y R (N/A)

82 Derails

S Y R (N/A)83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**(Ok) Difference _____

84 Condition of Line thru entire turnout

(S) Y R

Remarks

Page 3 of 3

GAPCA CV PT 1/8"
BENT #4 ROD

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

Date 6/27/14

Inspection Crew T SCHISLER, M POWERS, W BRYANT

Watchman

1 Location CROHWELL

2 Switch I.D. # CwY YWZ

3 Facing X Trailing

Rail Points

4 Point to Point 5 1/2

5 Point Condition

(S) Y R

6 Point Throw. Min 3 1/2 inches on house top point protected
N 4 5/8 4 5/8

6a Point Opening

N S S

7 Fit

(S) Y R

8 General Condition of the Points

(S) Y R

Gage

Heel of Switch

9 Main 56 1/2

10 Turnout 56 3/8

11 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or
more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 3/8

13 Main 6 1/4

Stock Rail

14 Bend

(S) Y R

15 Condition

(S) Y R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers (Ok) Broken Missing

Remarks on page 3

GM/JC 11-10-2011

22 Standard Joints

(S) Y R N/A

23 Switch Plates

(S) Y R

24 Adjustable Braces

(S) Y R N/A

24a Non-Adjustable Braces

S Y R (N/A)

Switch Rods

25 Front Rod

(S) Y R N/A

26 #1 Rod (Basket Rod)

(S) Y R

27 #2 Rod

(S) Y R

28 #3 Rod

(S) Y R N/A

29 #4 Rod

(S) Y R N/A

30 Closure Rail

(S) Y R

31 Surface of Switch

(S) Y R

Using a 62" cord, not over
1" to 1 1/2" for a Y and no
more than 1 1/2" to 1 3/4"For a R, Great than 1 3/4" is Out
of Service

32 Head Block Ties

(S) Y R

33 Switch Adjustments

Yes (No)

34 Lubrication

Ok (Dry)

35 Switch Targets/Lamps

Ok Missing (N/A)

36 Latches

(Ok) Broken Missing

37 Locks

(Ok) Broken Missing

38 General Condition

(S) Y R

39 Insulated Joints

(S) Y R

39a Regular Joints

(S) Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N (S) Y R
R (S) Y R53 Frog # 6

54/79 Point Condition

(S) Y R

55 Condition of Frog

(S) Y R

56 Surface of Frog

(S) Y R

57 Throat in Inches 3 1/272 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 9/1659 Turnout Track 56 11/16**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 1/2 R 54 5/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 9/16 R 52 11/16**Back to Back Gage must be less than 53 1/8"**

62 Condition

(S) Y R

63 Location of Guard Rail (Relation to Point)

(S) Y R

Guard Rail Clamps

64 Main Track

(S) Y R N/A

65 Turnout Track

(S) Y R N/A

Class 1 Gage 56" to 57 1/2"**More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

(S) Y R N/A

67 Rail Movement

(S) Y R N/A

Tie Plates

68 Lead

(S) Y R N/A

69 Guard Rail Flangeway

(S) Y R N 1 7/8 R 1**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

(S) Y R N/A

71 Frog Plates

(S) Y R N/A

Bolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers (Ok) Broken 0 Missing 0 N/A

80 Hold Down Devices

(S) Y R N/A

81 Spring Housing

S Y R (N/A)

82 Derails

S Y R (N/A)

83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**

(Ok) Difference _____

84 Condition of Line thru entire turnout

(S) Y R

Remarks

Page 3 of 3

NO NEW DEFECTS NOTED

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

Date 6/27/14

Inspection Crew T. SCHISLER, M. POUARE, W. BRYANT

Watchman _____

1 Location CROMWELL

2 Switch I.D. # CWY YW9

3 Facing X Trailing _____

Rail Points

4 Point to Point 51 3/4

5 Point Condition

☒ Y ☐ R

6 Point Throw. Min 3 1/2 inches on house top point protected

N 4 1/4 4 1/4

6a Point Opening

N 4 5/8 4 5/8

7 Fit

☒ Y ☐ R

8 General Condition of the Points

☒ Y ☐ R

Gage

Heel of Switch

9 Main 56 9/16

10 Turnout 56 7/8

11 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/4

13 Main 6 7/16

Stock Rail

14 Bend

☒ Y ☐ R

15 Condition

☒ Y ☐ R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose 0 N/A

21a Washers ☒ Broken Missing

Remarks on page 3

GNJC 11-10-2011

22 Standard Joints

☒ Y ☐ R N/A

23 Switch Plates

☒ Y ☐ R

24 Adjustable Braces

☒ Y ☐ R N/A

24a Non-Adjustable Braces

S Y R ☒ N/A

Switch Rods

25 Front Rod

☒ Y ☐ R N/A

26 #1 Rod (Basket Rod)

☒ Y ☐ R

27 #2 Rod

☒ Y ☐ R

28 #3 Rod

S Y R ☒ N/A

29 #4 Rod

S Y R ☒ N/A

30 Closure Rail

☒ Y ☐ R

31 Surface of Switch

☒ Y ☐ R

Using a 62" cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out of Service

32 Head Block Ties

☒ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

☒ Ok Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Broken Missing

37 Locks

☒ Broken Missing

38 General Condition

☒ Y ☐ R

39 Insulated Joints

☒ Y ☐ R

39a Regular Joints

☒ Y ☐ R

50 Location _____

50a Switch I.D. # _____

51 Facing _____

Trailing

52 Frog Tread N S Y R
R S Y R53 Frog # 6

54/79 Point Condition

S Y R

55 Condition of Frog

S Y R

56 Surface of Frog

S Y R57 Throat in Inches 3 1/272 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 13/16**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 5/8 R 54 15/16**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 3/4 R 52 1/2**Back to Back Gage must be less than 53 1/8"**

62 Condition

S Y R

63 Location of Guard Rail (Relation to Point)

S Y RGuard Rail Clamps

64 Main Track

S Y R N/A

65 Turnout Track

S Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

S Y R N/A

67 Rail Movement

S Y R N/ATie Plates

68 Lead

S Y R N/A

69 Guard Rail Flangeway

S Y R N 2 R 1 13/16**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

S Y R N/A

71 Frog Plates

S Y R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers Ok Broken 0 Missing 0 N/A

80 Hold Down Devices

S Y R N/A

81 Spring Housing

S Y R N/A

82 Derails

S Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**Ok Difference _____

84 Condition of Line thru entire turnout

S Y R

Remarks

Page 3 of 3

NO NEW DEFECTS NOTED

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-1-14

11-10-2011

Date 6/27/14 Inspection Crew SCHISLER, M. POLLARD, W. BRYANT
 Watchman _____

1 Location C. LOWELL
 2 Switch I.D. # CWY YWZ
 3 Facing X Trailing _____

Rail Points

4 Point to Point 5 1/4
 5 Point Condition S Y R
 6 Point Throw. Min 3 1/2 inches on house top point protected
N 4 3/4 4 1/2
 6a Point Opening
N S S
 7 Fit
S Y R
 8 General Condition of the Points
S Y R
Gage
 Heel of Switch
 9 Main 56 1/2
 10 Turnout 56 1/2
 11 Gage ahead of Bend 56 9/16
 Must not be less than 56 inches or more than 57 inches for "S"
 12 Heel Spread in Inches
 Turnout 6 1/4
 13 Main 6 3/16

Stock Rail

14 Bend
S Y R
 15 Condition
S Y R

Bolts

16 Loose 0 N/A
 17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A
 19 Missing 0 N/A
 20 Cotter Pins Missing 0 N/A
 21 Jam Nuts Loose 0 N/A
 21a Washers Ok Broken _____ Missing _____

Remarks on page 3

GM/JC 11-10-2011

22 Standard Joints
S Y R N/A
 23 Switch Plates
S Y R
 24 Adjustable Braces
S Y R N/A
 24a Non-Adjustable Braces
S Y R N/A
Switch Rods
 25 Front Rod
S Y R N/A
 26 #1 Rod (Basket Rod)
S Y R
 27 #2 Rod
S Y R
 28 #3 Rod
S Y R N/A
 29 #4 Rod
S Y R N/A
 30 Closure Rail
S Y R
 31 Surface of Switch
S Y R
 Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4" For a R, Great than 1 3/4" is Out of Service
 32 Head Block Ties
S Y R
 33 Switch Adjustments
 Yes No
 34 Lubrication
 Ok Dr
 35 Switch Targets/Lamps
 Ok Missing N/A
 36 Latches
Ok Broken _____ Missing _____
 37 Locks
Ok Broken _____ Missing _____
 38 General Condition
S Y R
 39 Insulated Joints
S Y R
 39a Regular Joints
S Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N S Y R
R S Y R53 Frog # 6

54/79 Point Condition

S Y R

55 Condition of Frog

S Y R

56 Surface of Frog

S Y R57 Throat in Inches 3 1/272 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track SL 5/859 Turnout Track SL 9/16**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 1/16 R 54 3/16**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 1/16 R 52 5/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

S Y R

63 Location of Guard Rail (Relation to Point)

S Y RGuard Rail Clamps

64 Main Track

S Y R N/A

65 Turnout Track

S Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/4" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

S Y R N/A

67 Rail Movement

S Y R N/ATie Plates

68 Lead

S Y R N/A

69 Guard Rail Flangeway

S Y R N 1 15/16 R 2**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

S Y R N/A

71 Frog Plates

S Y R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers Ok Broken Missing N/A

80 Hold Down Devices

S Y R N/A

81 Spring Housing

S Y R N/A

82 Derails

S Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**Ok Difference _____

84 Condition of Line thru entire turnout

S Y R

Remarks

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Gapped Cv Pt 1/8"

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.
S Everything is in Specs.
Y Attention needed.
R Immediate attention needed or Out of Service.
N/A Not applicable or not measurable.

Reviewed by:



Date:

6-30-14

11-10-2011

Date 6/27/14Inspection Crew T. SCHISLER, M. POLLARD, W. BRYANT

Watchman

1 Location CROMWELL2 Switch I.D. # CWY YW13 Facing X Trailing**Rail Points**4 Point to Point 5 1/2

5 Point Condition

☒ S ☐ Y ☐ R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw. Min 3 1/2 inches on house top point protected

N 4 5/8 4 5/8

6a Point Opening

N 5 1/2 5 1/2

7 Fit

☒ S ☐ Y ☐ R

8 General Condition of the Points

☒ S ☐ Y ☐ R**Gage**

Heel of Switch

9 Main 56 1/210 Turnout 56 1/211 Gage ahead of Bend 56 9/16

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 3/813 Main 6 1/4**Stock Rail**

14 Bend

☒ S ☐ Y ☐ R

15 Condition

☒ S ☐ Y ☐ R**Bolts**16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers ☒ Ok Broken Missing**Remarks on page 3**

GNEJC 11-10-2011

22 Standard Joints

☒ S ☐ Y ☐ R N/A

23 Switch Plates

☒ S ☐ Y ☐ R

24 Adjustable Braces

☒ S ☐ Y ☐ R N/A

24a Non-Adjustable Braces

☒ S ☐ Y ☐ R N/A**Switch Rods**

25 Front Rod

☒ S ☐ Y ☐ R N/A

26 #1 Rod (Basket Rod)

☒ S ☐ Y ☐ R

27 #2 Rod

☒ S ☐ Y ☐ R

28 #3 Rod

☒ S ☐ Y ☐ R N/A

29 #4 Rod

☒ S ☐ Y ☐ R N/A

30 Closure Rail

☒ S ☐ Y ☐ R

31 Surface of Switch

☒ S ☐ Y ☐ R

Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out of Service

32 Head Block Ties

☒ S ☐ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Ok Broken Missing

37 Locks

☒ Ok Broken Missing

38 General Condition

☒ S ☐ Y ☐ R

39 Insulated Joints

☒ S ☐ Y ☐ R

39a Regular Joints

☒ S ☐ Y ☐ R

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50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y ☒ R
R ☒ Y ☒ R53 Frog # 8

54/79 Point Condition

☒ Y ☒ R

55 Condition of Frog

☒ Y ☒ R

56 Surface of Frog

☒ Y ☒ R57 Throat in Inches 3 7/872 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 5/859 Turnout Track 56 7/8**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 5/8 R 54 3/4**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 1/8 R 52 9/16**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y ☒ R

63 Location of Guard Rail (Relation to Point)

☒ Y ☒ RGuard Rail Clamps

64 Main Track

☒ Y ☒ R N/A

65 Turnout Track

☒ Y ☒ R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to**
Class 2 and gets a YRemarks on page 3

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Turnout Ties

66 Condition

☒ Y ☒ R N/A

67 Rail Movement

☒ Y ☒ R N/ATie Plates

68 Lead

☒ Y ☒ R N/A

69 Guard Rail Flangeway

☒ Y ☒ R N 1 5/16 R 2**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y ☒ R N/A

71 Frog Plates

☒ Y ☒ R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y ☒ R N/A

81 Spring Housing

☒ Y ☒ R N/A

82 Derails

☒ Y ☒ R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y ☒ R

Remarks

Page 3 of 3

NO NEW DEFECTS NOTED

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Reviewed by:



Date:

7-1-14

11-10-2011